· · · · · · · · · · · · · · · · · ·	77.5.	O I	DB	Time stamp
L Number	Hits 6923	Search Text (queue or buffer or fifo or array) and	USPAT	2003/05/01 12:34
-	0323	(first near3 counter) and (second near3 counter)	001111	2003/03/01 12:01
	2815	((queue or buffer or fifo or array) and	USPAT	2003/04/16 13:43
_	2013	(first near3 counter) and (second near3	001111	2003/01/10 13:10
	07.67	counter)) and (read and write)	USPAT	2003/04/16 13:44
_	2767	(((queue or buffer or fifo or array) and	USPAI	2003/04/16 13:44
		(first near3 counter) and (second near3		
		counter)) and (read and write)) and		
	1530	<pre>(control\$3 or (selection near3 logic)) (((queue or buffer or fifo or array) and</pre>	USPAT	2003/04/16 13:44
-	1530	(first near3 counter) and (second near3	OSITI	2003/04/10 13:11
		counter) and (read and write) and		
		(controller or (selection near3 logic))		
_	350	((((queue or buffer or fifo or array) and	USPAT	2003/04/16 13:45
_	330	(first near3 counter) and (second near3	001111	2003, 01, 10 10.10
		counter)) and (read and write)) and		
		(controller or (selection near3 logic)))		
		and empty and full		
_	170	((((queue or buffer or fifo or array) and	USPAT	2003/04/16 14:24
	2.70	(first near3 counter) and (second near3		·
		counter)) and (read and write)) and		-
		(controller or (selection near3 logic)))		
		and ((empty near3 (queue or buffer or fifo		
		or array)) and (full near3 (queue or		
		buffer or fifo or array)))		
-	1009	(queue near3 read) and (queue near3 write)	USPAT	2003/04/16 14:27
-	477	(queue near3 read) and (queue near3 write)	USPAT	2003/04/16 14:27
		and empty and full	110000	2002/04/16 15 00
_	19	((queue near3 read) and (queue near3	USPAT	2003/04/16 15:00
		write) and empty and full) and (first near3 counter) and (second near3 counter)		
	6072	selection near3 logic	USPAT	2003/04/16 15:00
_	2	(("5835702") or ("5797019")).PN.	USPAT	2003/04/24 12:47
_	8	5835702.URPN.	USPAT	2003/04/16 16:21
_	l	((("5835702") or ("5797019")).PN.) and	USPAT	2003/04/16,16:18
		(queue or list or array)		
-	570	((event or instruction) near3 logic) and	USPAT -	2003/04/16 16:22
		queue and comparator		0000,404,416, 16, 46
_	51	(((event or instruction) near3 logic) and	USPAT	2003/04/16 16:46
		queue and comparator) and (first near3		
		counter) and (second near3 counter)	USPAT	2003/04/16 16:47
_	0	queue with (event near3 logic) with counter	USPAT	2003/04/16 16:4/
_	0	queue with (event near3 logic) with	USPAT	2003/04/16 16:47
		counter		
	145	queue with (logic) with counter	USPAT	2003/04/16 16:47
-	72	(queue with (logic) with counter) and	USPAT	2003/04/16 17:02
		(queue near3 empty)		
-	477	(queue near3 read) and (queue near3 write)	USPAT	2003/04/16 17:03
		and full and empty		0000/04/16 17 66
-	1065	((queue or fifo) near3 read) and ((queue	USPAT	2003/04/16 17:08
		or fifo) near3 write) and full and empty		
	499	and counter and register (((queue or fifo) near3 read) and ((queue	USPAT	2003/04/16 17:08
_	499	or fifo) near3 write) and full and empty	USFAI	2003/04/10 17:00
		and counter and register) and comparator		
_ `	3887	(counter near3 increment) and (counter	USPAT	2003/04/16 17:17
		near3 decrement)		
-	785	((counter near3 increment) and (counter	USPAT	2003/04/16 17:17
		near3 decrement)) and (first near3		
		counter) and (second near3 counter)		
-	42	(((counter near3 increment) and (counter	USPAT	2003/04/16 17:12
		near3 decrement)) and (first near3		
		counter) and (second near3 counter)) and		
	6	(selection near3 logic) ("4446525" "5758105" "6049891"	USPAT	2003/04/16 17:13
-	"	"6052751" "6091740" "6266702").PN.	OSEAT	2003/04/10 1/:13
_	0		USPAT	2003/04/16 17:13
	J	1		

_	141	((((queue or fifo) near3 read) and ((queue	USPAT	2003/04/16 17:17
		or fifo) near3 write) and full and empty		
		<pre>and counter and register) and comparator) and (counter near3 increment) and (counter</pre>		
		near3 decrement)		
	15	(((((queue or fifo) near3 read) and	USPAT	2003/04/16 17:17
_	15	((queue or fifo) near3 write) and full and	001111	
		empty and counter and register) and		
		comparator) and (counter near3 increment)		
		and (counter near3 decrement)) and (first		
		near3 counter) and (second near3 counter)		
_	6929	(queue or buffer or fifo or array) and	USPAT	2003/04/23 16:57
		(first near3 counter) and (second near3		
		counter)		0000/04/02 17:10
-	5123	(queue or buffer or fifo or array) near3	USPAT	2003/04/23 17:10
	200	(performance\$3 or moniter\$3)	USPAT	2003/04/23 16:59
_	377	((queue or buffer or fifo or array) near3 (performance\$3 or moniter\$3)) and counter	USPAI	2003/04/23 10.39
		and comparator		
	26877	(queue or buffer or fifo or array) and	USPAT	2003/04/23 16:59
-	20077	counter and comparator	001111	
_	3069	((queue or buffer or fifo or array) and	USPAT	2003/04/23 16:59
		(first near3 counter) and (second near3		
		counter)) and ((queue or buffer or fifo or		
		array) and counter and comparator)		
_	210		USPAT	2003/04/23 17:02
		(first near3 counter) and (second near3		
		counter)) and ((queue or buffer or fifo or		
		array) and counter and comparator)) and		
		(condition\$3 near3 logic)	USPAT	2003/04/23 17:16
-	0	head near of near queue	USPAT	2003/04/23 17:10
-	23 26	head-of-queue (((queue or buffer or fifo or array) near3	USPAT	2003/04/24 09:05
_	20	(performance\$3 or moniter\$3)) and counter	002111	
1	•	and comparator) and (condition\$3 near3		
		logic)		
_	0	head-of-queue and (((queue or buffer or	USPAT	2003/04/24 09:06
		fifo or array) near3 (performance\$3 or		
•		moniter\$3)) and counter and comparator)		
		and (condition\$3 near3 logic))	TIOD T III	2002/04/20 11-25
-	5	head-of-queue and counter and comparator	USPAT USPAT	2003/04/28 11:25 2003/04/24 12:48
-	4381	(Performance\$3 near3 monitor) ((Performance\$3 near3 monitor)) and	USPAT	2003/04/24 12:49
_	0	(head-of-queue and counter and comparator)	OSFAI	2003/04/24 12:43
	92	((Performance\$3 near3 monitor)) and	USPAT	2003/04/24 15:18
	1	(queue and counter and comparator)		
ļ	2521	queue near3 (manag\$6)	USPAT	2003/04/24 13:40
_	100	((Performance\$3 near3 monitor)) and	USPAT	2003/04/24 14:42
		(queue near3 (manag\$6))		
-	4	(queue near3 (manag\$6)) and ((queue near3	USPAT	2003/04/24 15:17
		enter) and (queue near3 exit) and (queue		
		near3 empty) and (queue near3 full))	tic Dam	2003/04/24 15:18
_	83	(queue near3 (manag\$6)) and ((queue near3 read) and (queue near3 write) and (queue	USPAT	2003/04/24 13:18
		near3 empty) and (queue near3 full))		
_	20	1	USPAT	2003/04/24 15:59
		read) and (queue near3 write) and (queue		
		near3 empty) and (queue near3 full))) and		
		(counter and comparator)		
-	20	(((queue near3 (manag\$6)) and ((queue	USPAT	2003/04/24 15:59
		near3 read) and (queue near3 write) and		
		(queue near3 empty) and (queue near3		
		full))) and (counter and comparator)) and		
		((queue near3 (manag\$6)) and ((queue near3		
		read) and (queue near3 write) and (queue near3 empty) and (queue near3 full)))		
	12915	((queue or buffer or FIFO or array) and	USPAT	2003/04/28 11:40
	12313	(manager or controller or (event near3		= 000, 01, 20 11.10
		logic)) and (counter) and (comparator))		
1				

_	4125	((queue or buffer or FIFO or array) near3	USPAT	2003/04/28 11:29
		(empty)) and ((queue or buffer or FIFO or		
	0.01	array) near3 (full))	USPAT	2003/04/28 11:29
-	991	<pre>(((queue or buffer or FIFO or array) and (manager or controller or (event near3</pre>	USFAI	2003,01,20 11.23
		logic)) and (counter) and (comparator)))		
	· .	and (((queue or buffer or FIFO or array)		
		near3 (empty)) and ((queue or buffer or		
		FIFO or array) near3 (full)))		
1_	201	((((queue or buffer or FIFO or array) and	USPAT	2003/04/28 11:39
-	201	(manager or controller or (event near3		
		logic)) and (counter) and (comparator)))		
		and (((queue or buffer or FIFO or array)		
		near3 (empty)) and ((queue or buffer or		
		FIFO or array) near3 (full)))) and		
		((counter near3 (Increment or add))) and		
		((counter near3 (decrement or subtract)))		
_	155	(((((queue or buffer or FIFO or array) and	USPAT	2003/04/28 11:40
		(manager or controller or (event near3		
	}	logic)) and (counter) and (comparator)))		
		and (((queue or buffer or FIFO or array)		
	1	near3 (empty)) and ((queue or buffer or		
		FIFO or array) near3 (full)))) and		
		((counter near3 (Increment or add))) and		
		((counter near3 (decrement or subtract))))		
		and (register near5 counter)	·	
	141	(((((queue or buffer or FIFO or array)	USPAT	2003/04/28 12:53
		and (manager or controller or (event		
		near3 logic)) and (counter) and		
		(comparator))) and (((queue or buffer or		
'		FIFO or array) near3 (empty)) and ((queue		
		or buffer or FIFO or array) near3		-
		(full)))) and ((counter near3 (Increment		
		or add))) and ((counter near3 (decrement		
		or subtract)))) and (register near5 counter)) and ((queue or buffer or FIFO or		
		array) near3 (read or exit)) and ((queue or buffer or FIFO or array) near3 (write		
		or enter))		
	70	((((((queue or FIFO) and (manager or	USPAT	2003/04/28 13:43
-	/ / /	controller or (event near3 logic)) and	ODIAI	2003/04/20 13.43
		(counter) and (comparator))) and ((queue		
		or FIFO) near3 (empty)) and ((queue or		
		FIFO) near3 (full)))) and ((counter near3		
		(Increment or add))) and ((counter near3		
		(decrement or subtract)))) and (register		
		near5 counter)) and ((queue or FIFO) near3		
		(read or exit)) and ((queue or FIFO) near3		
		(write or enter))		
-	46	((((((queue or FIFO) near4 (manager or	USPAT	2003/04/28 13:10
		controller or (event near3 logic)) and		
		(counter) and (comparator))) and ((queue		
		or FIFO) near3 (empty)) and ((queue or		
		FIFO) near3 (full)))) and ((counter near3		
		(Increment or add))) and ((counter near3		
		(decrement or subtract)))) and (register		
		near5 counter)) and ((queue or FIFO) near3		
		(read or exit)) and ((queue or FIFO) near3		
		(write or enter))	HCDAT	2003/04/20 12:10
-	8	("5471583" "5745731" "5805930"	USPAT	2003/04/28 13:10
		"5898893" "5974482" "6041370"		
		"6226698" "6263410").PN.		l

				0000/04/00 10 44
-	0	((((((queue or FIFO) and (manager or	USPAT	2003/04/28 13:44
		controller or (event near3 logic)) and		i i
		(counter) and (comparator))) and ((queue		
		or FIFO) near3 (empty)) and ((queue or FIFO) near3 (full)))) and ((counter near3		
		(Increment or add))) and ((counter near3		
		(decrement or subtract)))) and (register		
		near5 counter)) and ((queue or FIFO) near3		
		(read or exit)) and ((queue or FIFO) near3		
		(write or enter))) and (head-of-queue)		
_	23	(head-of-queue)	USPAT	2003/04/28 13:52
_	11	((head-of-queue)) and counter and	USPAT	2003/04/28 13:53
		(manager or controller or (event near3		
		logic)) and full and empty		
-	5	(((head-of-queue)) and counter and	USPAT	2003/04/28 13:54
		(manager or controller or (event near3	•	
		logic)) and full and empty) and comparator		
-	5	((((head-of-queue)) and counter and	USPAT	2003/04/28 15:53
		(manager or controller or (event near3		
		logic)) and full and empty) and		
		comparator) and (Increment or add) and		
		(decrement or subtract)	II C D D M	2002/04/29 16.01
–	50	(queue or fifo) near3 (performance) near3	USPAT	2003/04/28 16:01
	F 1	(data or information)	USPAT	2003/04/28 15:54
-	51	(queue or fifo) near3 (performance) near3 (data or informaiton or signal)	USEMI	2003/04/20 13.34
	1	((queue or fifo) near3 (performance) near3	USPAT	2003/04/28 15:55
_	1	(data or information or signal)) and	OSIAI	2003/04/20 13.33
		counter and (manager or controller or		
		(event near3 logic)) and full and empty		
	:	and comparator		
_	4529	(queue or fifo or buffer) near3	USPAT	2003/04/28 16:10
		(Monitor\$3)		
_	73	((queue or fifo or buffer) near3	USPAT	2003/04/28 16:29
		(Monitor\$3)) and (enqueue) and (dequeue)		
-	7	(((queue or fifo or buffer) near3	USPAT	2003/04/28 16:18
		(Monitor\$3)) and (enqueue) and (dequeue))		
		and (comparator) and counter and full and		
		empty		0000/04/00 17 00
<u>-</u>	4	((((queue or fifo or buffer) near3	USPAT	2003/04/28 17:28
		(Monitor\$3)) and (enqueue) and (dequeue))		
		and (comparator) and counter and full and	:	
		empty) and increment and decrement ("4998244" "5233606" "5381410"	USPAT	2003/04/28 16:25
_	8	"5396494" "5539747" "5570358"	USFAI	2003/04/28 10.23
		"5787071" "5978380").PN.		
	1	6134218.URPN.	USPAT	2003/04/28 16:27
_	44	(enqueue) and (dequeue) and comparator and	USPAT	2003/04/28 16:54
-		counter and full and empty		
_	18	((enqueue) and (dequeue) and comparator	USPAT	2003/04/28 16:54
		and counter and full and empty) and		
		threshold		
_	1	6134218.pn.	USPAT	2003/04/28 17:28
_	1	6134218.pn. and queue	USPAT	2003/04/28 18:02
-	1	(6134218.pn. and queue) and (logic or	USPAT	2003/04/28 18:03
		control\$3 or manager)		
-	3005	FIFO and counter and read and write and	USPAT	2003/05/01 12:35
		full and empty		
-	70	FIFO with counter with read with write	USPAT	2003/05/01 12:52
		with full with empty		
-	69		USPAT	2003/05/01 12:53
_	69		USPAT	2003/05/01 12:53
-	0	(Signal or instruction or indicat\$5) near3	USPAT;	2004/02/09 14:03
		from near3 (queue or fifo)	EPO; JPO;	
			DERWENT;	
	10004	(Giana) on instruction indicatory	IBM_TDB USPAT;	2004/02/09 14:02
_	13094	(Signal or instruction or indicat\$5) near3 (queue or fifo)	EPO; JPO;	2004/02/09 14:02
		(quede of filo)	DERWENT;	
			IBM TDB	
1	I		+111 +111	

Page 4

	1087	((Signal or instruction or indicat\$5)	USPAT;	2004/02/09 14:21
_	1007	near3 (queue or fifo)) with counter	EPO; JPO;	2004/02/03 14.21
		nears (queue or filo)) with counter	DERWENT;	
		·	IBM TDB	1
		///g: 3 instrumenting on indigates		2004/02/09 14:04
_	4		USPAT;	2004/02/09 14.04
		near3 (queue or fifo)) with counter) with	EPO; JPO;	
	1	((queue or fifo) near3 (enter or exit))	DERWENT;	
	7.46	(((0)	IBM_TDB	0004/00/00 14:30
-	746		USPAT;	2004/02/09 14:39
		near3 (queue or fifo)) with counter) and	EPO; JPO;	
		(condition\$4)	DERWENT;	
			IBM_TDB	0004/00/00 14 00
-	35		USPAT;	2004/02/09 14:39
		near3 (queue or fifo)) with counter) with	EPO; JPO;	
		(condition\$4)	DERWENT;	
			IBM_TDB	
	. 23		USPAT;	2004/09/28 21:32
		insert))) and (dequeue or (queue near3	US-PGPUB;	
		(exit or delete))) and (queue near3 full)	EPO; JPO;	
		and (queue near3 empty) and (counter near3	DERWENT;	
		increment) and (counter near3 decrement)	IBM TDB	
_	55		USPĀT;	2004/09/28 21:33
		insert))) and (dequeue or (queue near3	US-PGPUB;	
		(exit or delete))) and (counter near3	EPO; JPO;	
		increment) and (counter near3 decrement)	DERWENT;	
			IBM TDB	
_	1	((enqueue or (queue near3 (enter or	USPĀT;	2004/09/28 21:34
		<pre>insert))) same (counter near3 decrement))</pre>	US-PGPUB;	
		and ((dequeue or (queue near3 (exit or	EPO; JPO;	
		delete))) same (counter near3 increment))	DERWENT;	
		, ,	IBM TDB	
_	1	((enqueue or (queue near3 (enter or	USPAT;	2004/09/28 21:47
		<pre>insert))) same (counter near3 increment))</pre>	US-PGPUB;	
		and ((dequeue or (queue near3 (exit or	EPO; JPO;	
		delete))) same (counter near3 decrement))	DERWENT;	
		dologo, // pame (orange)	IBM TDB	
_	2	("6519310").PN.	USPAT;	2004/09/28 21:46
	_	(0013010) 11111	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
	-		IBM TDB	
_	1	"6378018".PN.	USPAT	2004/09/28 21:46
_	0		USPAT	2004/09/28 21:46
_	2	("6647349").PN.	USPAT;	2004/09/28 21:48
		(001/313 / LIN.	US-PGPUB;	2001,05,20 21.40
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
	63	Ougus with gountar with ingrement with	USPAT;	2004/09/28 21:49
_	63	~	US-PGPUB;	2004/03/20 21:49
		decrement		-
			EPO; JPO;	
			DERWENT;	
			IBM TDB	1